

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

07/13/2011

Elle Rackemann
Assistant District Attorney, Suffolk County

Dear ADA Rackemann,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Stacey Feiden.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Stacey Feiden was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Annie Dookhan'.

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEARS)

Stacey Lyn Desjardins

stacey.feiden@state.ma.us

EDUCATION

Master of Science—Forensic Science
University of New Haven; West Haven, Connecticut
May 2006

- Concentration: Criminalistics
- Certificate: Advanced Investigation

Bachelor of Arts—Chemistry
Monmouth College; Monmouth, Illinois
May 2004

- Graduated Cum Laude

EXPERIENCE

Chemist I
Massachusetts Department of Public Health; Jamaica Plain, Massachusetts
March 2009-present

- Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies
- Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer)
- Provide expert testimony to local, state, and federal courts in Massachusetts

Teaching/Graduate Assistant
Monmouth College Chemistry Department
University of New Haven Forensic Science Department
January 2001-May 2006

- Supervised labs and answered student questions
- Performed demonstrations using forensic techniques and chemicals

Additional work experience and references available upon request

TRAINING

2010: DEA Forensic Chemist Seminar—Washington DC

2009: Multijurisdictional Counterdrug Task Force Training on Current Drug Trends

2009: Six week training with Senior Staff at the Massachusetts Department of Public Health Drug Analysis Laboratory—appointed Assistant Analyst

2005: Internship with the New Hampshire State Crime Lab

COURSEWORK

Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

Dorchester

MA

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTANALYSIS
NUMBER

White rock (crack cocaine)

3 p/b's

4.68g

White powder (cocaine)

1 p/b

4.51g

White rock (crack cocaine)

14 p/b's

7.81g

White powder (cocaine)

3 p/b's

7.32g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

No. [REDACTED] Date Analyzed: 11-24-10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Amount: Subst: SUB
No. Cont: 3 Cont: pb
Date Rec'd: 09/09/2010 No. Analyzed: 1
Gross Wt.: 4.68 ✓ Net Weight: 0.10g
Tests: 6 SLD

Prelim: cocaine Findings: cocaine
• 2 ASD

No. [REDACTED] Date Analyzed: 11-24-10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 09/09/2010 No. Analyzed: 1
Gross Wt.: 4.51 ✓ Net Weight: 0.28g
Tests: 6 SLD

Prelim: cocaine Findings: cocaine
• 2 ASD

No. [REDACTED] Date Analyzed: 11-24-10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Amount: Subst: SUB
No. Cont: 14 Cont: pb
Date Rec'd: 09/09/2010 No. Analyzed: 2
Gross Wt.: 7.81 ✓ Net Weight: 1.00g
Tests: 12 SLD

Prelim: cocaine Findings: cocaine
• 4 ASD

No. [REDACTED] Date Analyzed: 11-24-10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 3 Cont: pb
Date Rec'd: 09/09/2010
Gross Wt.: 7.32 ✓

Prelim: cocaine Findings: cocaine
• 2 ASD
No. Analyzed: 1
Net Weight: 0.38g
Tests: 6 SLD

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST SLD

No. of samples tested: 1 Evidence Wt. ✓

PHYSICAL DESCRIPTION: signed & sealed
-off white chunky substance
in 3 pbs

Gross Wt (3): 0.6052g
Gross Wt (1): 0.2057g
Pkg. Wt: 0.1039g
Net Wt: 0.1018g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () H+ ⊕
Marquis ⊖
Froehde's ⊖
Mecke's ⊖

Microcrystalline Tests

Gold
Chloride ⊕
TLTA () H+ ⊕

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 11-18-10

(R)

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR ASD

DATE 11-24-10

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

SLD

No. of samples tested:

1

Evidence Wt.

✓

PHYSICAL DESCRIPTION:

signed & sealed
off white chunky substance
in pb

Gross Wt (): _____

Gross Wt (1): _____

Pkg. Wt: _____

Net Wt: _____

0.4019g

0.1158g

0.2861g

PRELIMINARY TESTSSpot Tests

Cobalt
Thiocyanate () ⊕
Marquis ⊖
Froehde's ⊖
Mecke's ⊖

Microcrystalline Tests

Gold
Chloride ⊕
TLTA () ⊕

OTHER TESTSPRELIMINARY TEST RESULTS

RESULTS

cocaine

DATE

11-18-10

GC/MS CONFIRMATORY TEST

RESULTS

cocaine

MS
OPERATOR

ASD

DATE

11-24-10

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

SLD

No. of samples tested:

2

Evidence Wt.

✓

PHYSICAL DESCRIPTION:

signed & sealed
- off white chunky substance
in 14 pbs

Gross Wt (14): 2.3688g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 1.0073g

PRELIMINARY TESTS

Spot Tests

2 Cobalt Thiocyanate () H+ ⊕
2 Marquis ⊖
2 Froehde's ⊖
2 Mecke's ⊖

Microcrystalline Tests

2 Gold Chloride ⊕
2 TLTA () H+ ⊕

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 11-18-10

(K)

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS OPERATOR ASD

DATE 11-24-10

Sample #:



samples tested:

2

2 extra pbs = 2.84g

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.1505g	0.0825g	0.0680g	26			
2	0.1488g	0.0729g	0.0759g	27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

$$\begin{aligned}
 \text{total net wt} &= 0.1439\text{g} \\
 \div 2 &= 0.07195 \\
 \times 14 &= 1.0073\text{g}
 \end{aligned}$$

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

SLD

No. of samples tested: 1

Evidence Wt. ✓

PHYSICAL DESCRIPTION:

signed & sealed
- off white powdery substance
in 3 pbs

Gross Wt (3):

2.0078g

Gross Wt (1):

0.5149g

Pkg. Wt:

0.1314g

Net Wt:

0.3835g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate () ⊕
Marquis ⊖
Froehde's ⊖
Mecke's ⊖

Microcrystalline Tests

Gold Chloride ⊕
TLTA () ⊕

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 11-18-10

GC/MS CONFIRMATORY TEST

RESULTS cocaine

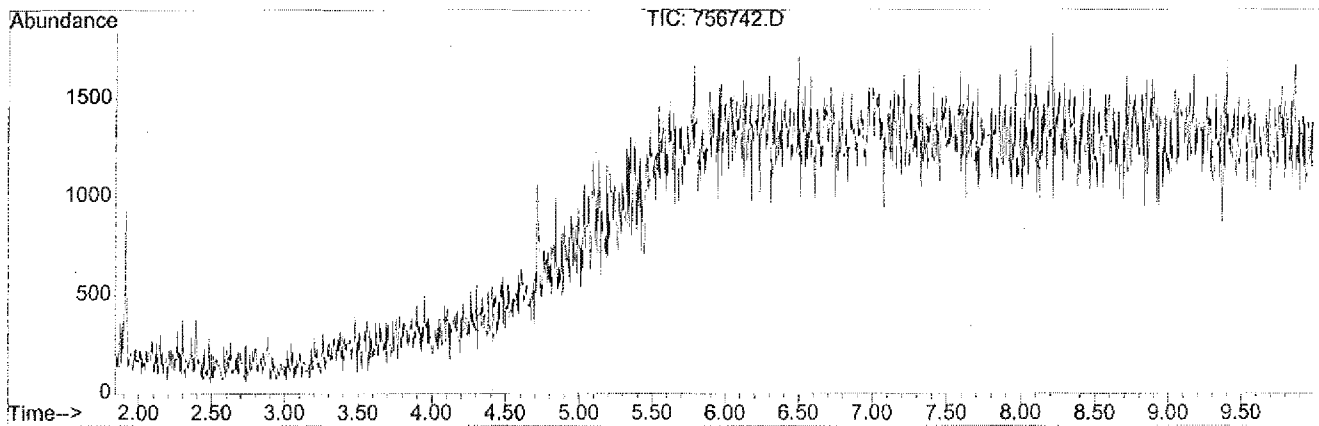
MS OPERATOR ASD

DATE 11-24-10

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756742.D
Operator : ASD
Date Acquired : 23 Nov 2010 17:09
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



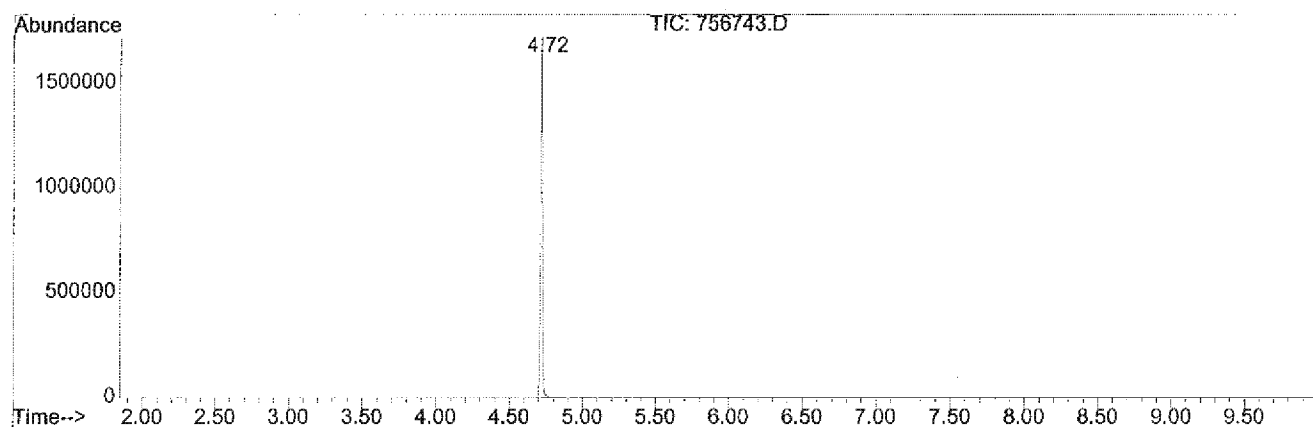
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756743.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 17:23
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 43
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.719	1516715	100.00	100.00

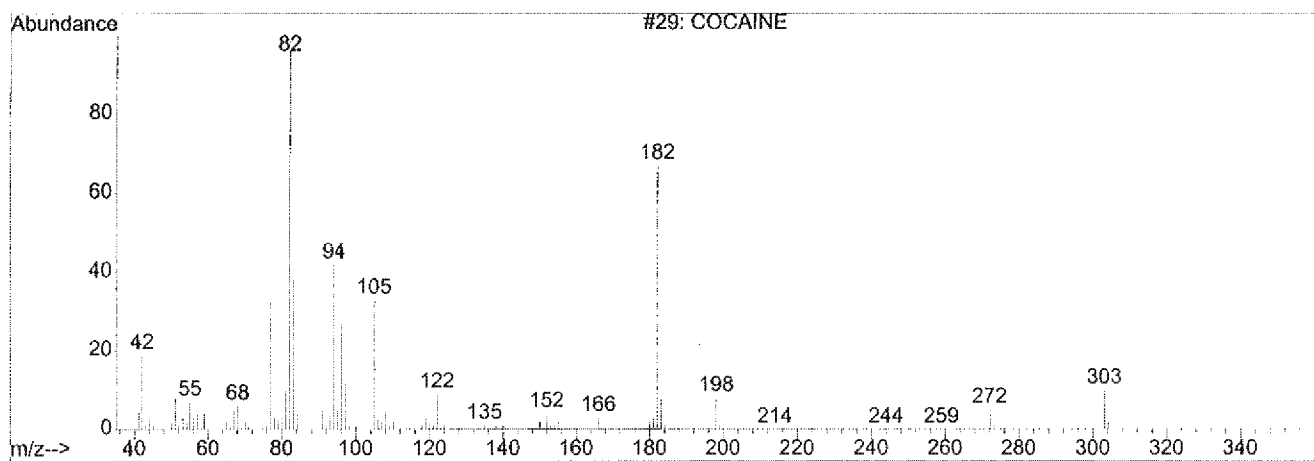
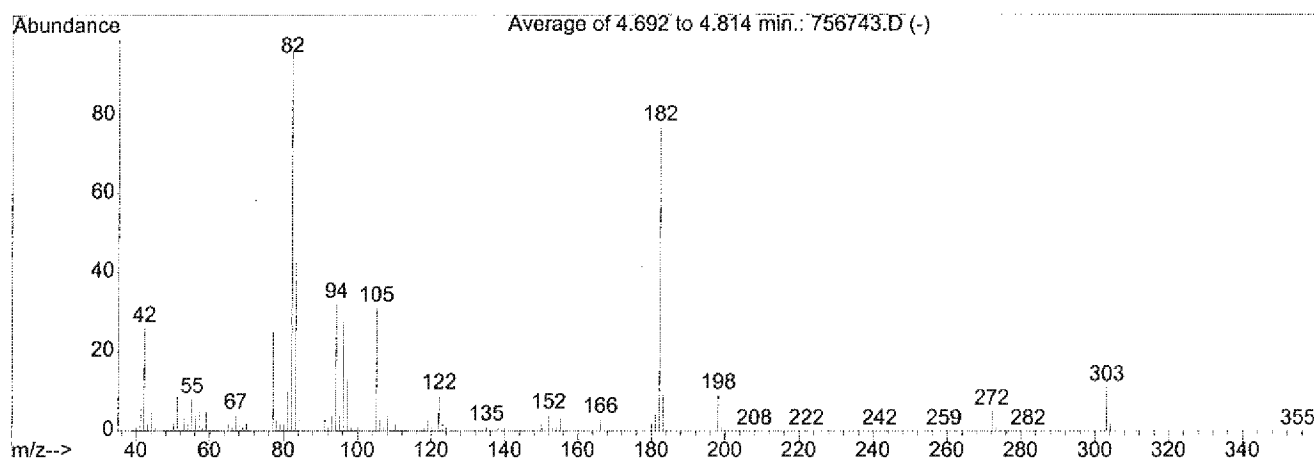
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756743.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 17:23
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 43
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

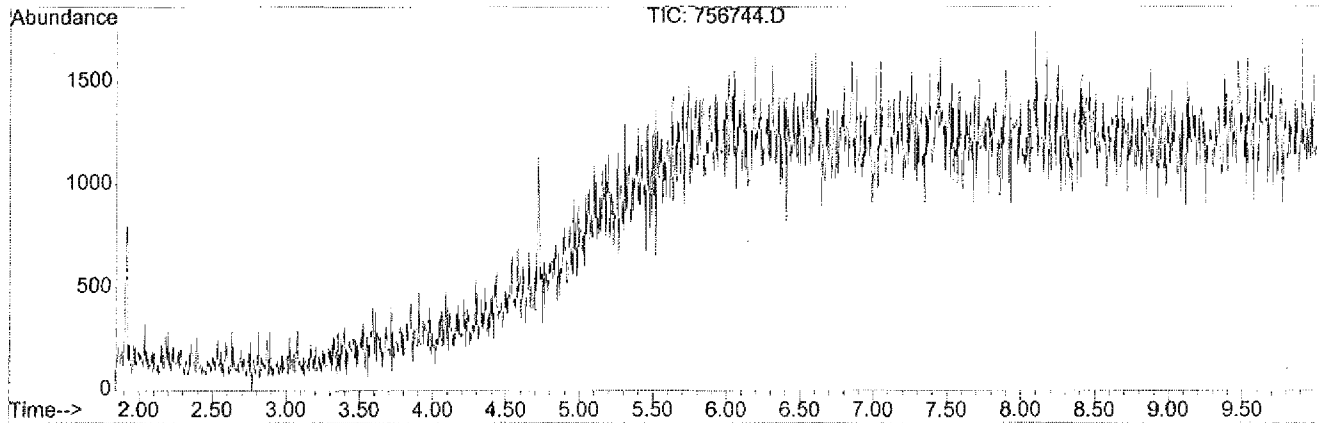
PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756744.D
Operator : ASD
Date Acquired : 23 Nov 2010 17:36
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



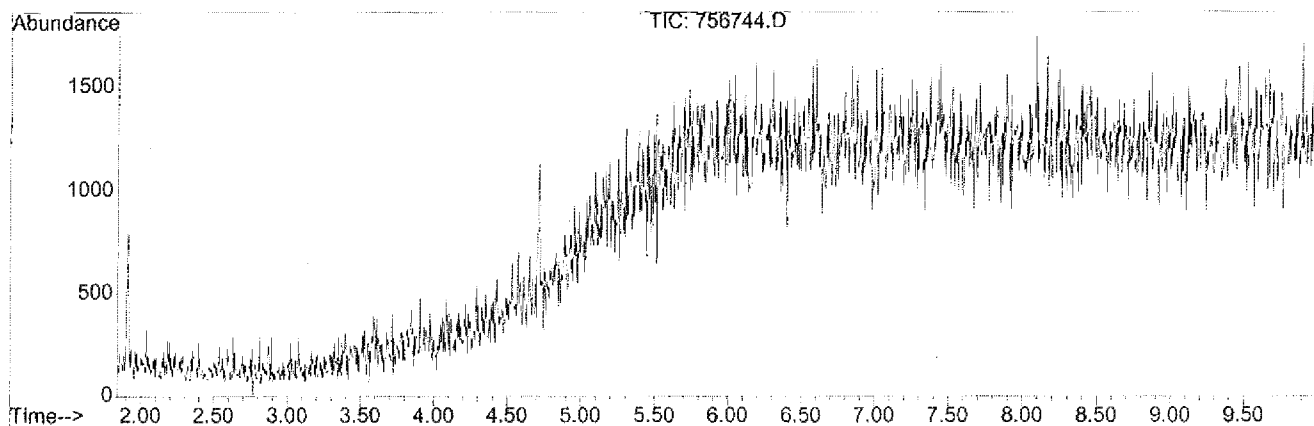
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756744.D
Operator : ASD
Date Acquired : 23 Nov 2010 17:36
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



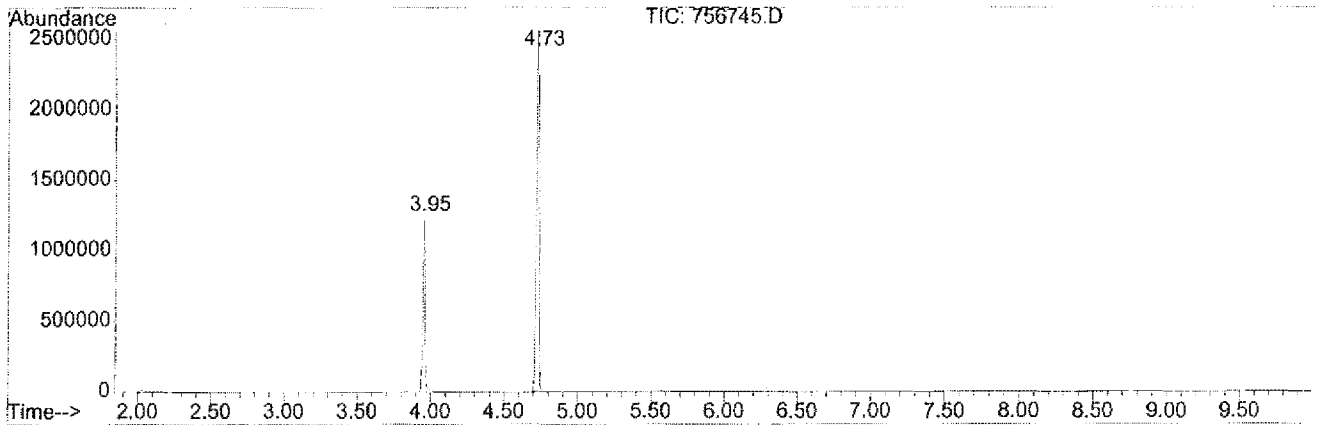
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756745.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 17:50
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 45
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.949	1267897	29.00	40.85
4.727	3103531	71.00	100.00

Area Percent / Library Search Report

Information from Data File:

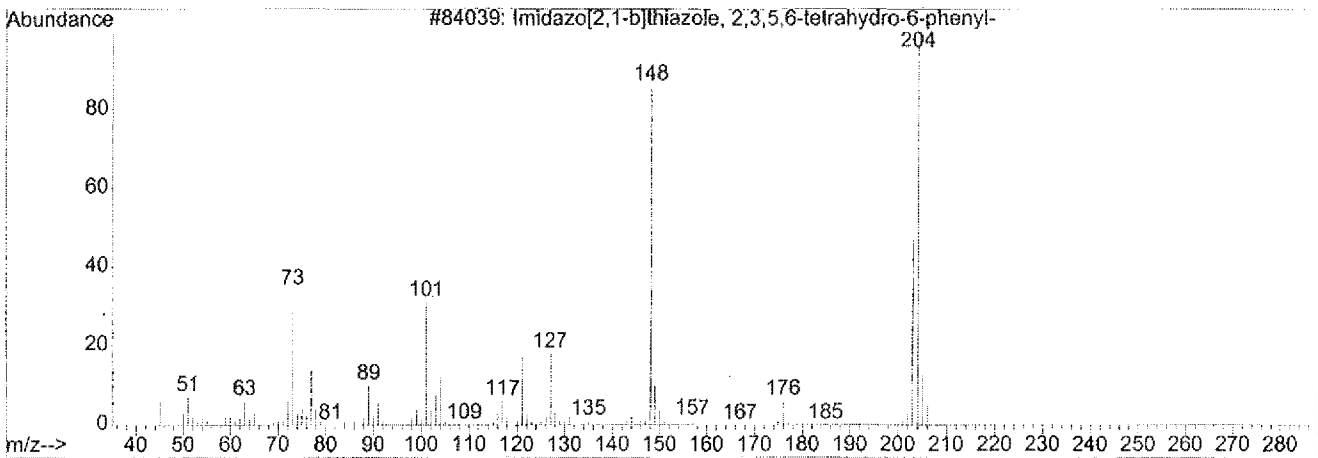
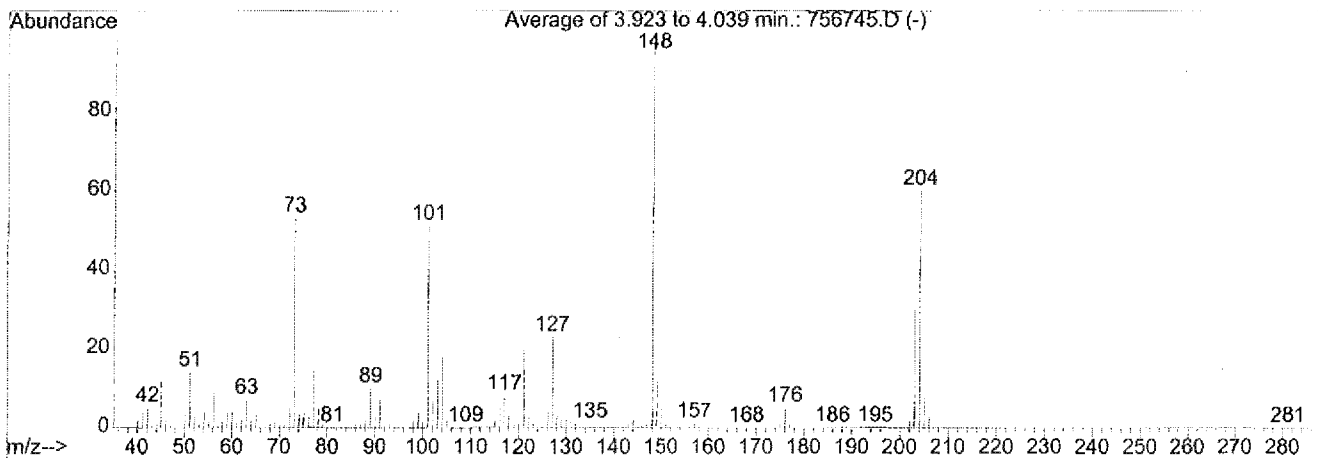
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756745.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   17:50
Sample Name     : 
Submitted by    : SLD
Vial Number     : 45
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.95	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



Area Percent / Library Search Report

Information from Data File:

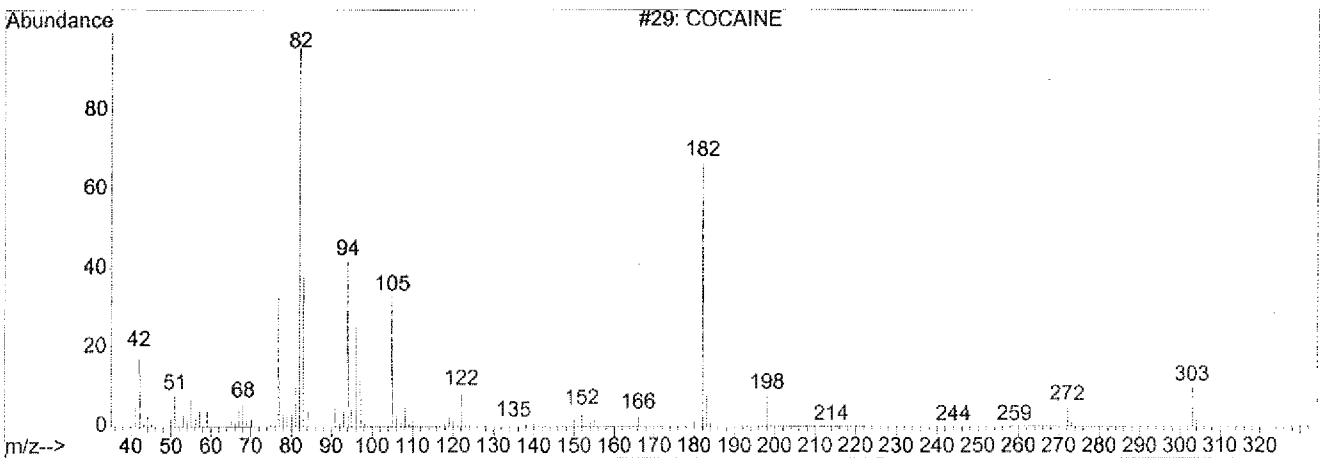
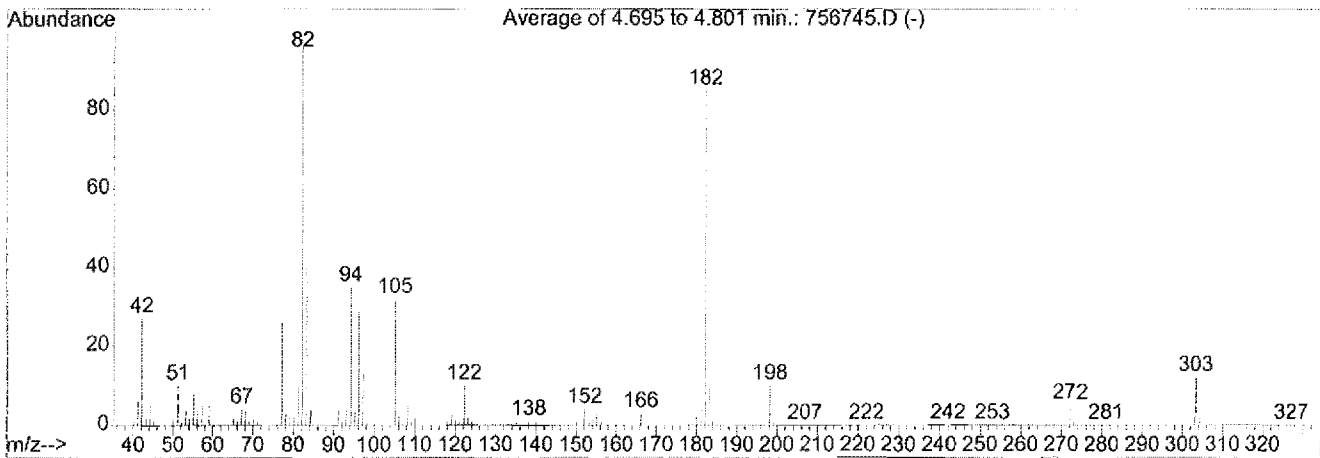
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File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756745.D
Operator        : ASD
Date Acquired   : 23 Nov 2010  17:50
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 45
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

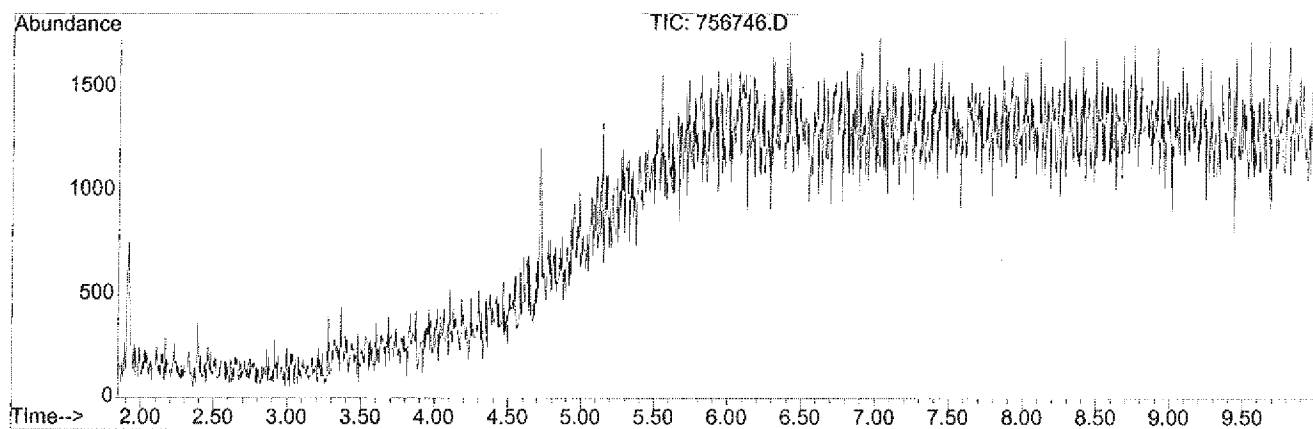
PK#	RT	Library/ID	CAS#	Qual
2	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756746.D
Operator : ASD
Date Acquired : 23 Nov 2010 18:04
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



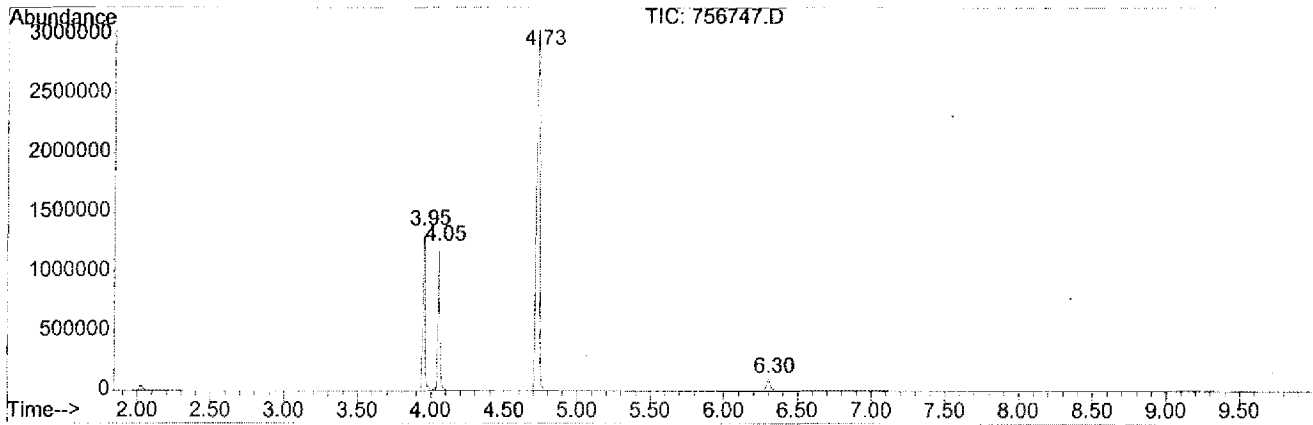
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756747.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 18:17
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 47
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.949	1418007	18.55	29.37
4.055	1182025	15.46	24.48
4.732	4828782	63.16	100.00
6.302	216018	2.83	4.47

Area Percent / Library Search Report

Information from Data File:

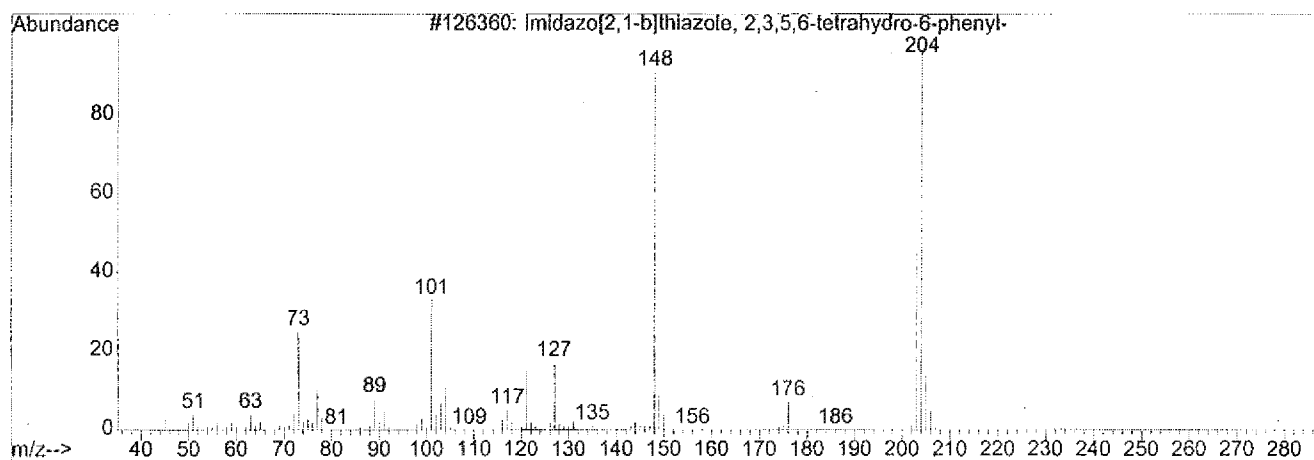
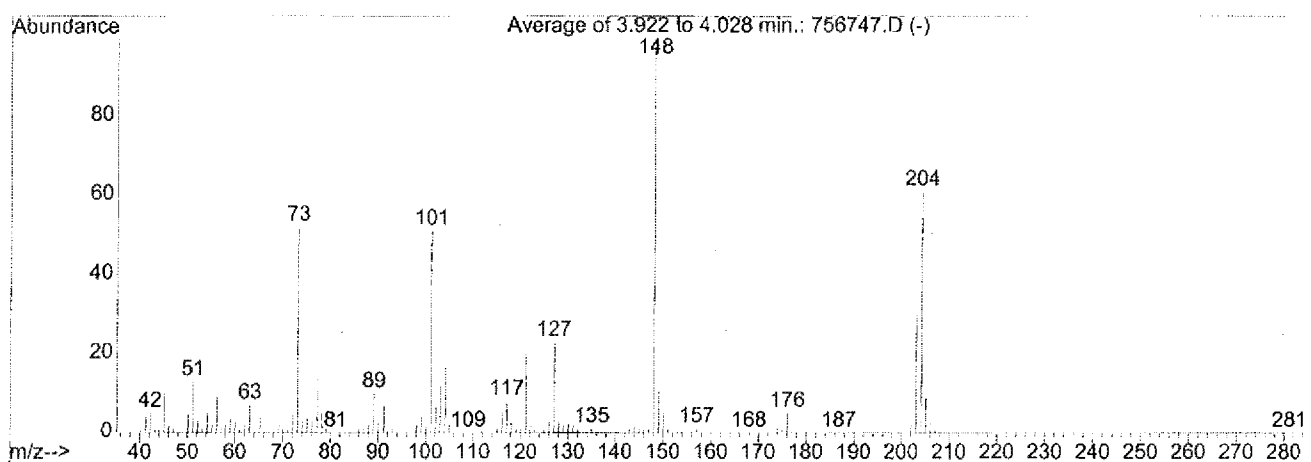
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756747.D
Operator        : ASD
Date Acquired   : 23 Nov 2010  18:17
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 47
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.95	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



Area Percent / Library Search Report

Information from Data File:

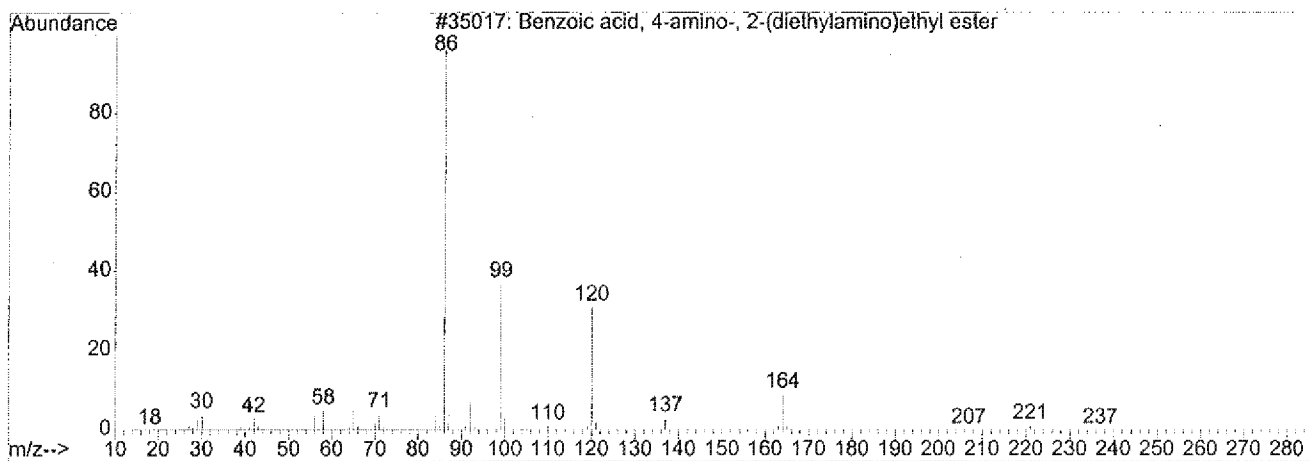
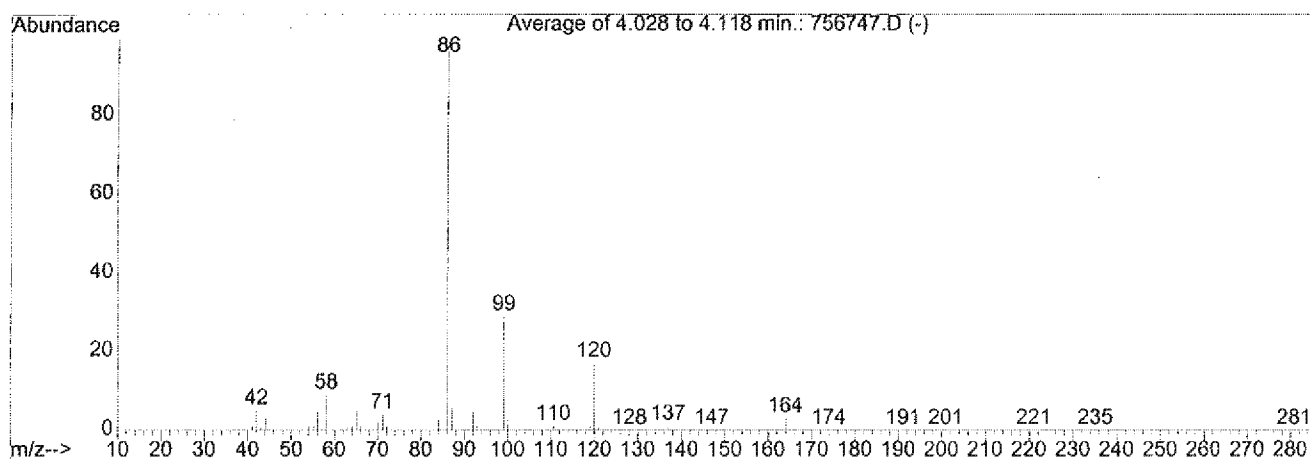
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756747.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   18:17
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 47
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	4.05	C:\DATABASE\NIST98.L		
		Benzoic acid, 4-amino-, 2-(diethyla	000059-46-1	90
		Propionylprocainamide	1000248-51-5	72
		Benzoic acid, 4-amino-2-chloro-, 2-	000133-16-4	64



Area Percent / Library Search Report

Information from Data File:

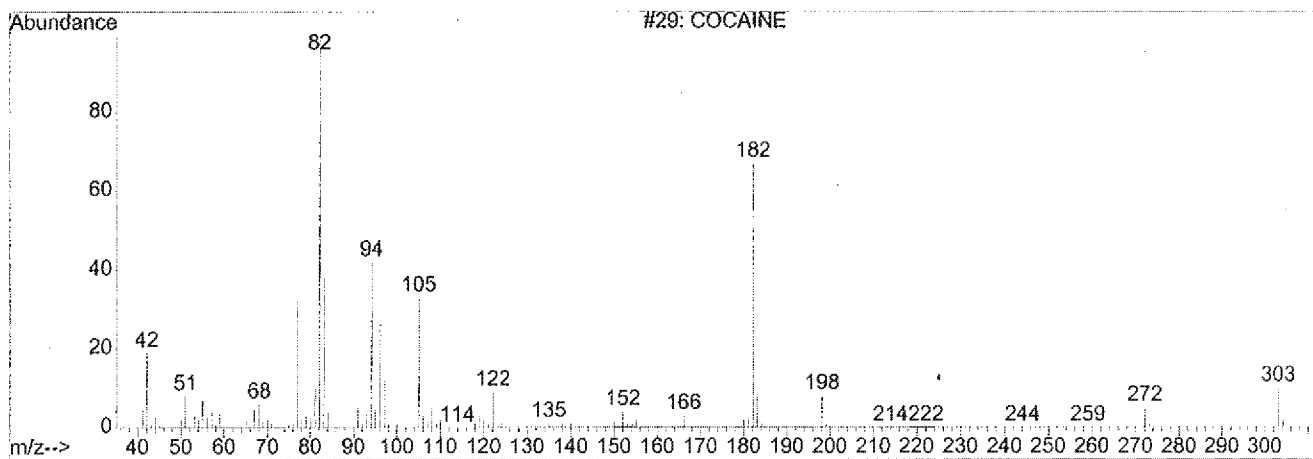
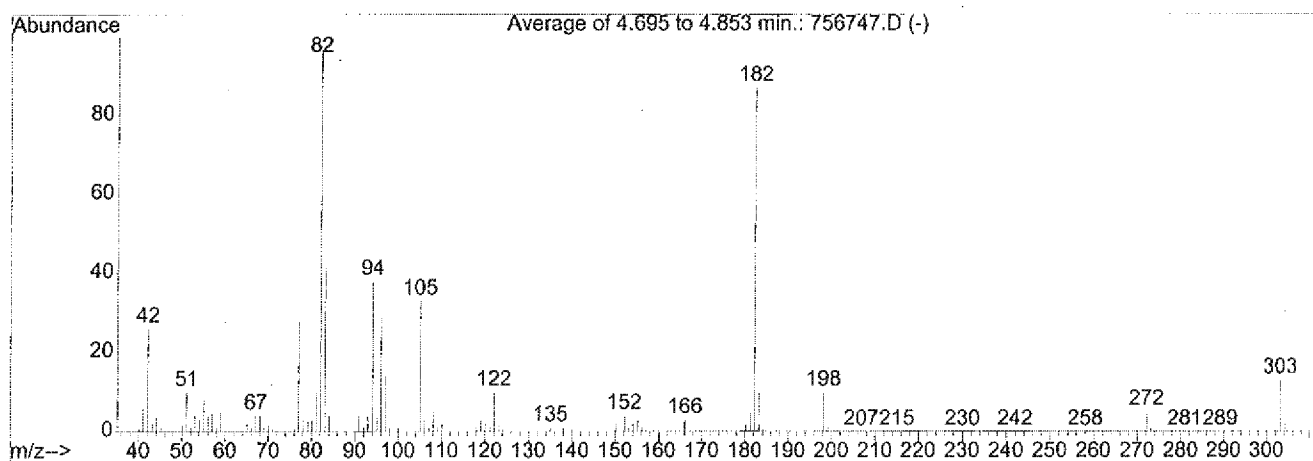
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756747.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   18:17
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 47
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

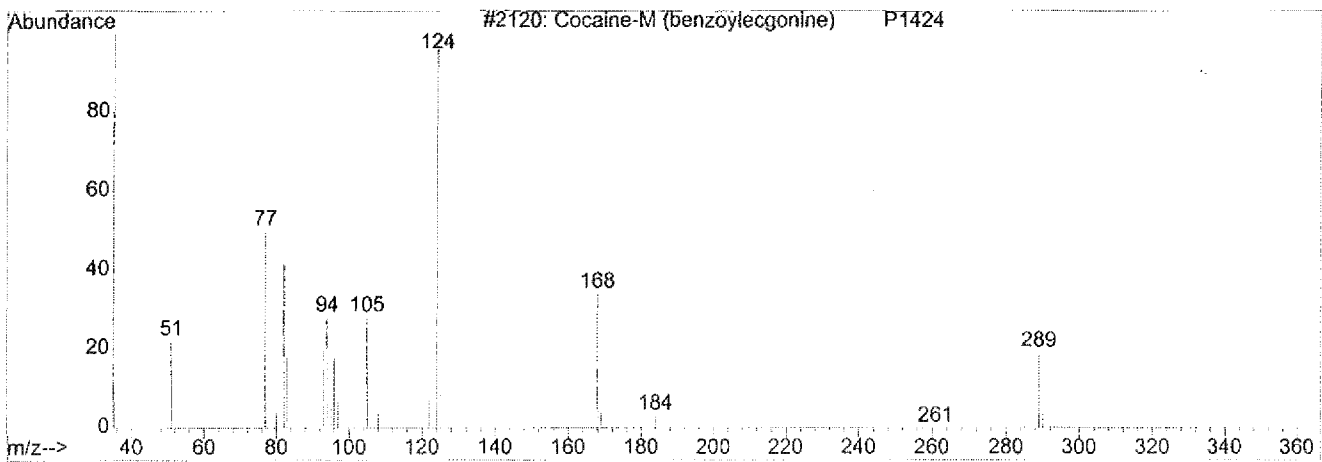
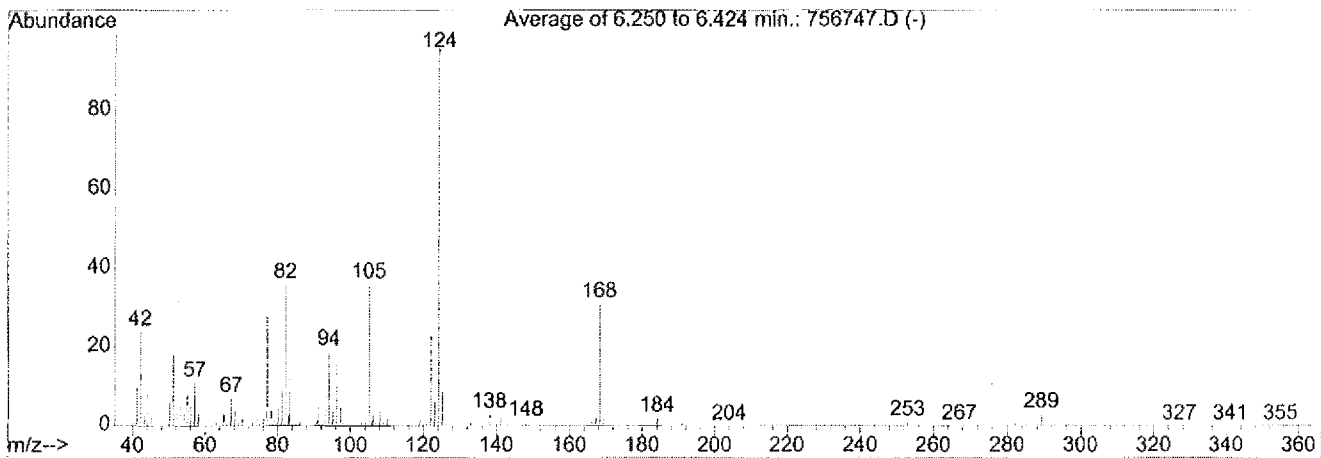
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756747.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   18:17
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 47
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

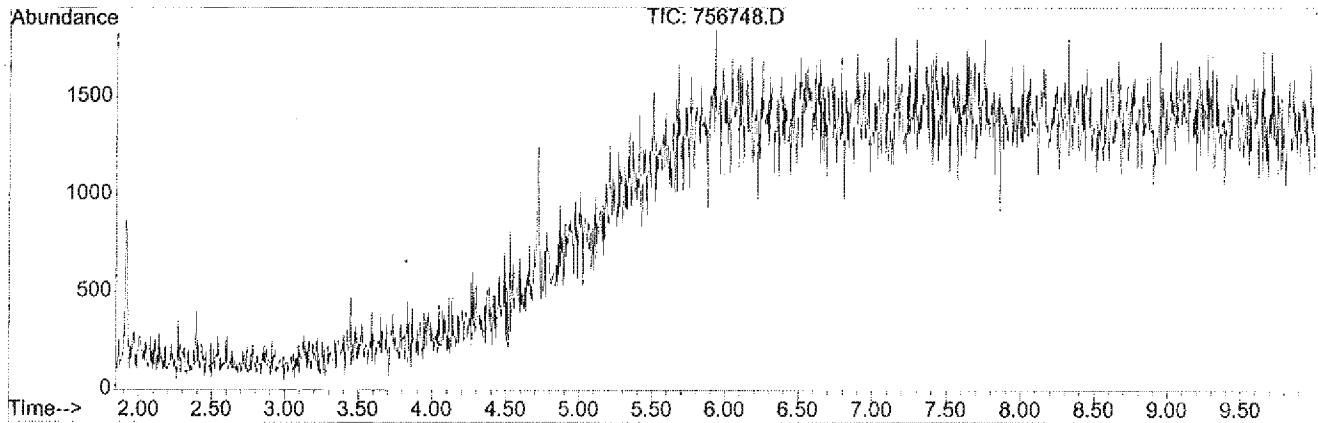
PK#	RT	Library/ID	CAS#	Qual
4	6.30	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (benzoylecgonine)	000519-09-5	94
		Atropine AC	@ 000000-00-0	28
		DOM precursor-2	000095-71-6	23



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756748.D
Operator : ASD
Date Acquired : 23 Nov 2010 18:31
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



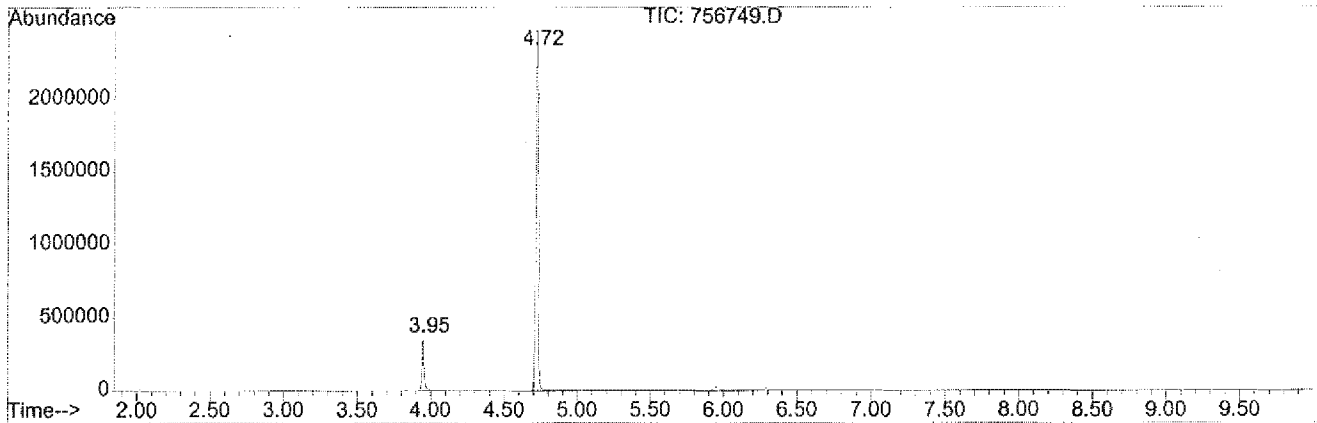
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756749.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 18:44
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 49
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.948	383448	11.85	13.44
4.721	2852448	88.15	100.00

Area Percent / Library Search Report

Information from Data File:

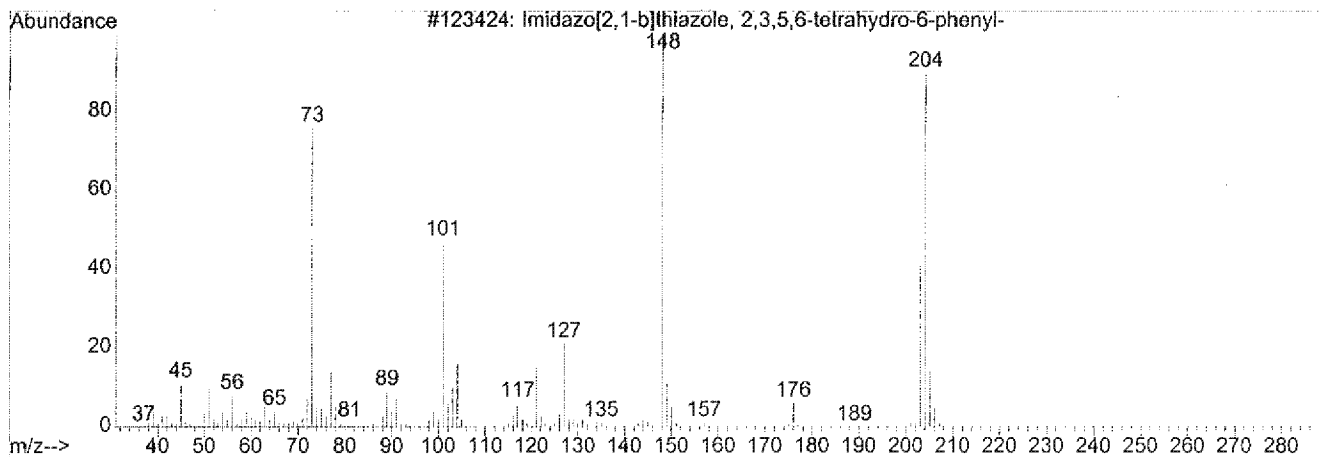
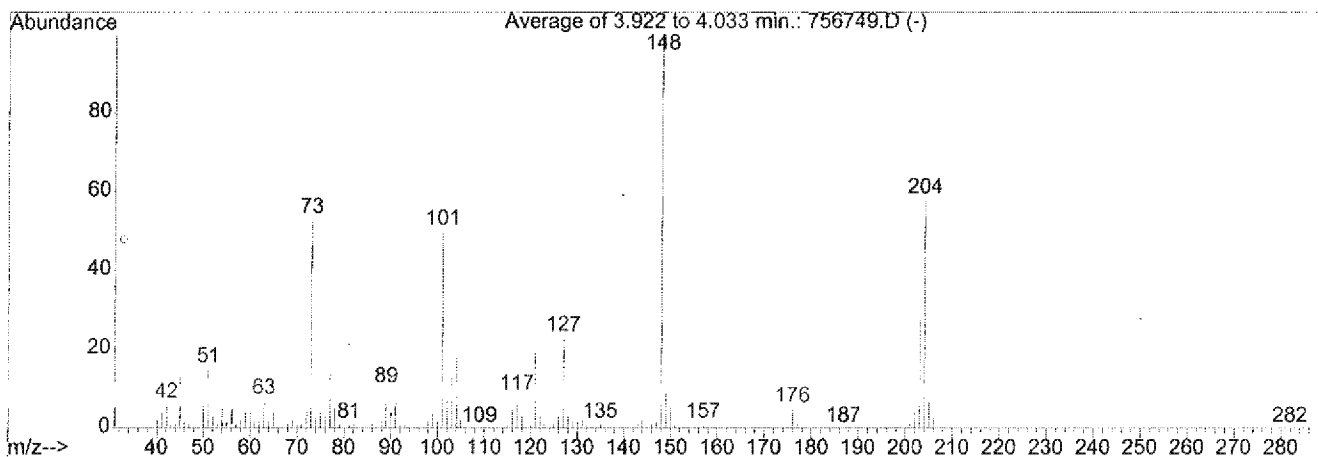
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756749.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   18:44
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 49
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.95	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



Area Percent / Library Search Report

Information from Data File:

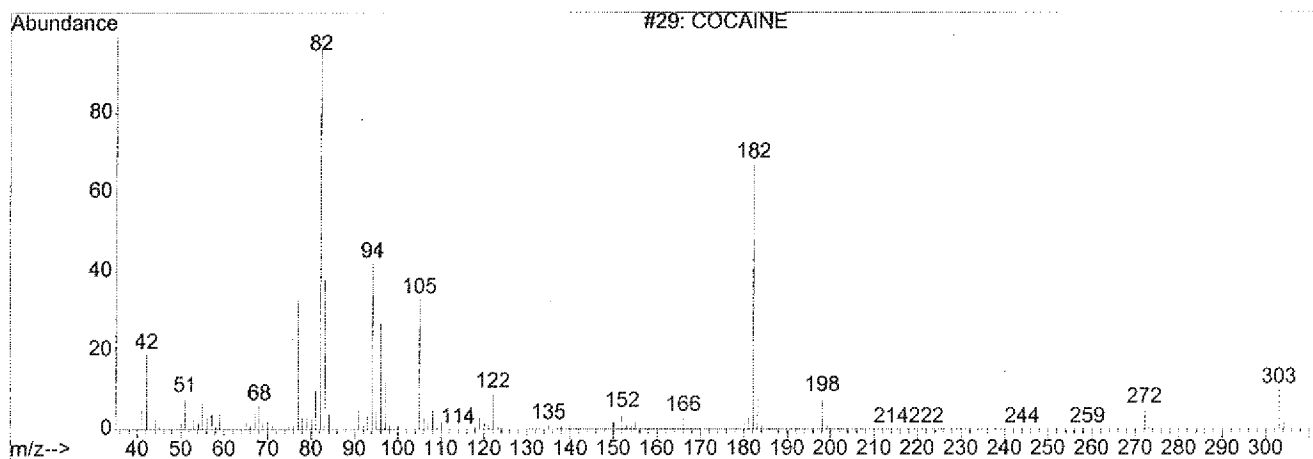
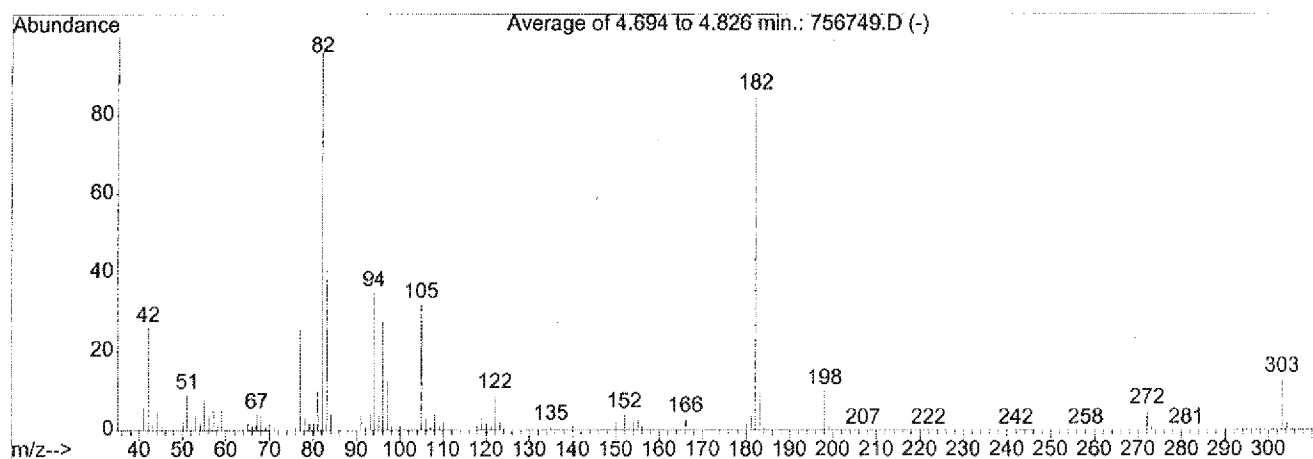
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756749.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   18:44
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 49
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

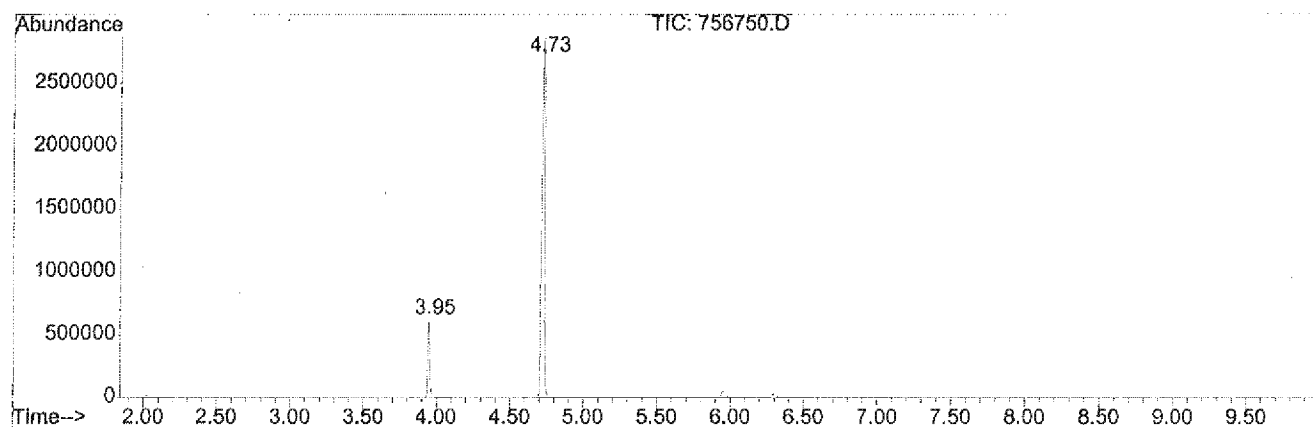
PK#	RT	Library/ID	CAS#	Qual
2	4.72	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756750.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 18:58
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 50
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.949	626267	14.19	16.54
4.726	3787397	85.81	100.00

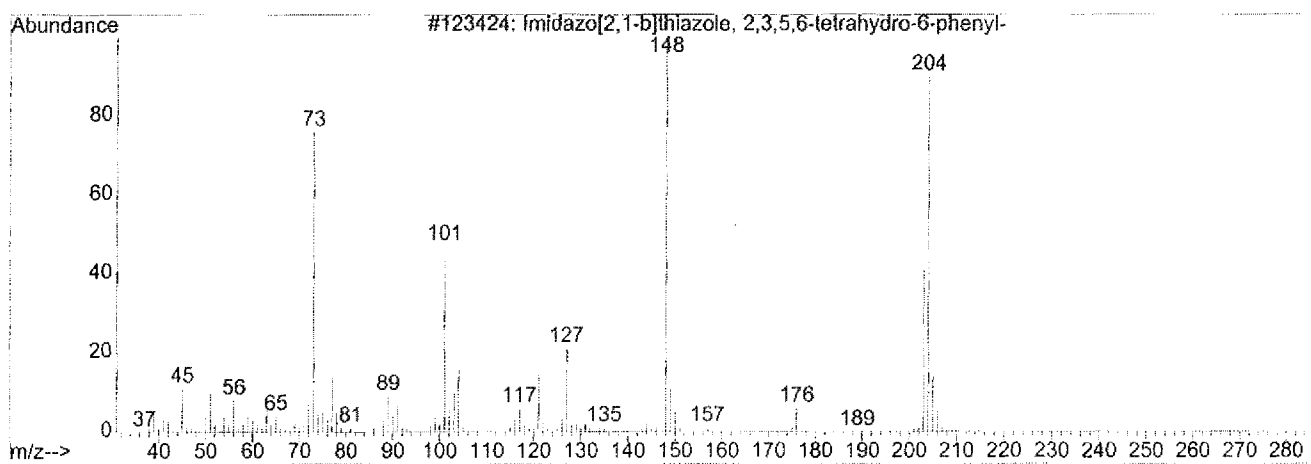
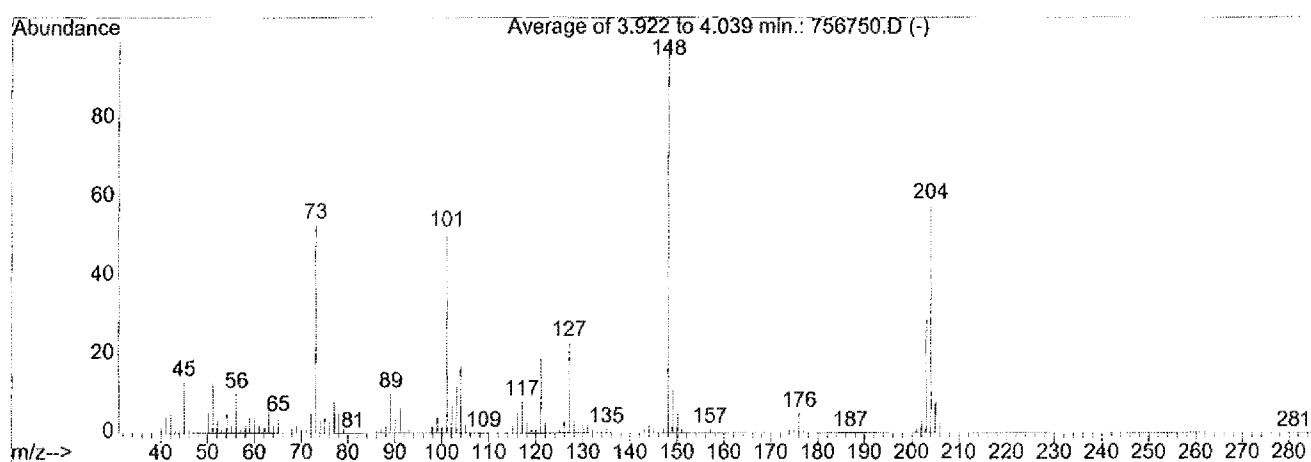
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756750.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 18:58
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 50
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	3.95	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	97



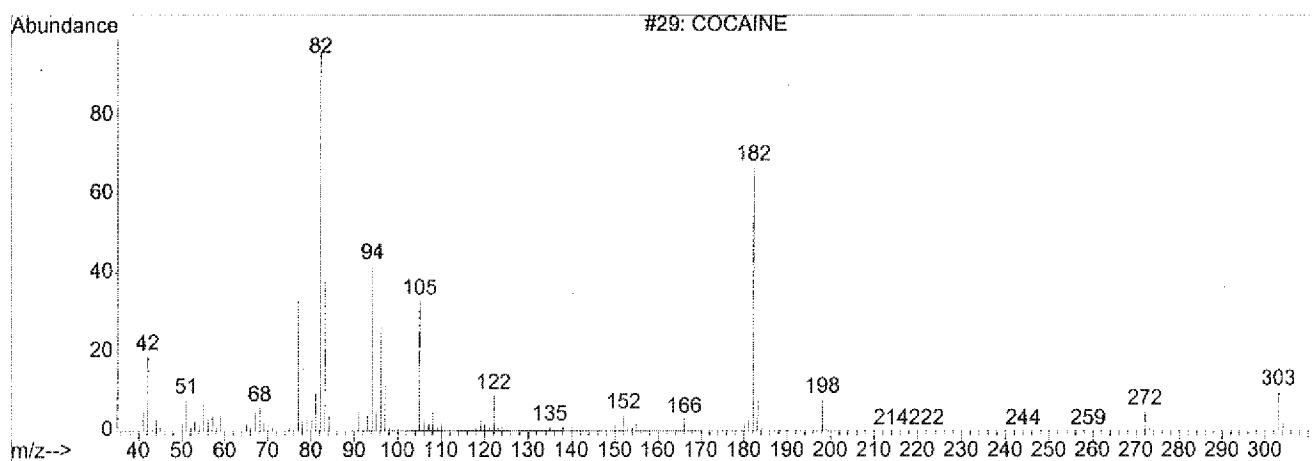
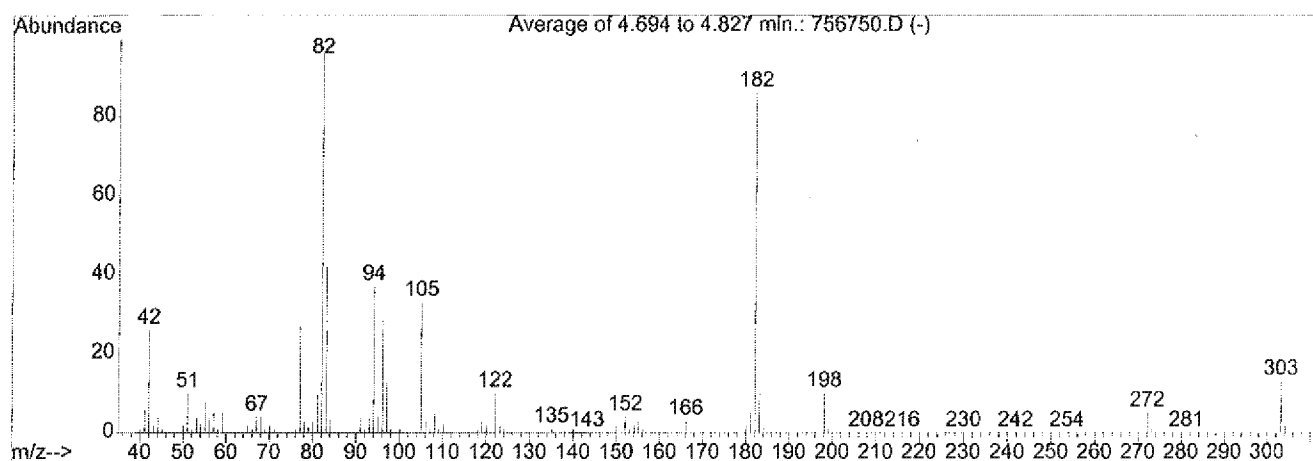
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756750.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 18:58
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 50
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

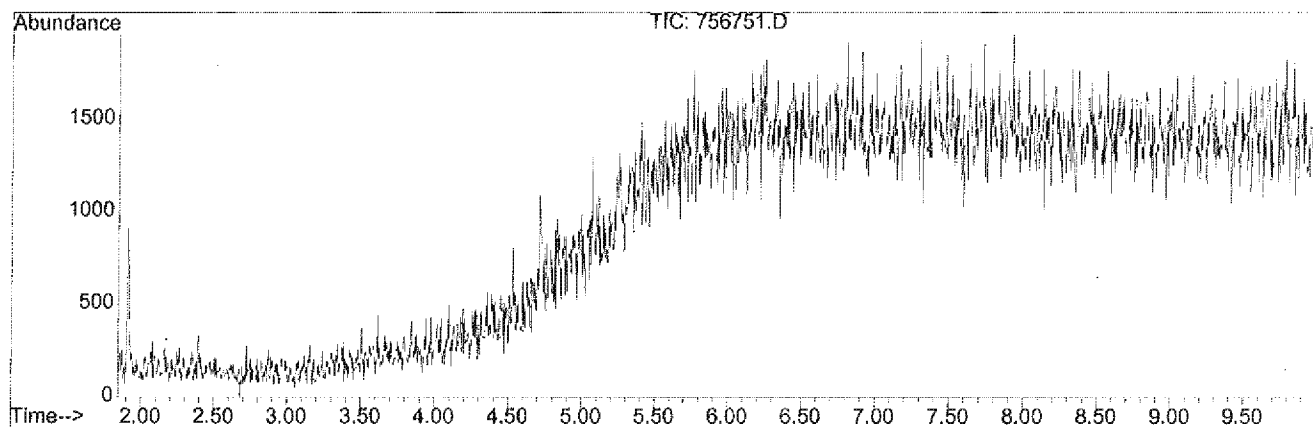
PK#	RT	Library/ID	CAS#	Qual
2	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756751.D
Operator : ASD
Date Acquired : 23 Nov 2010 19:11
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



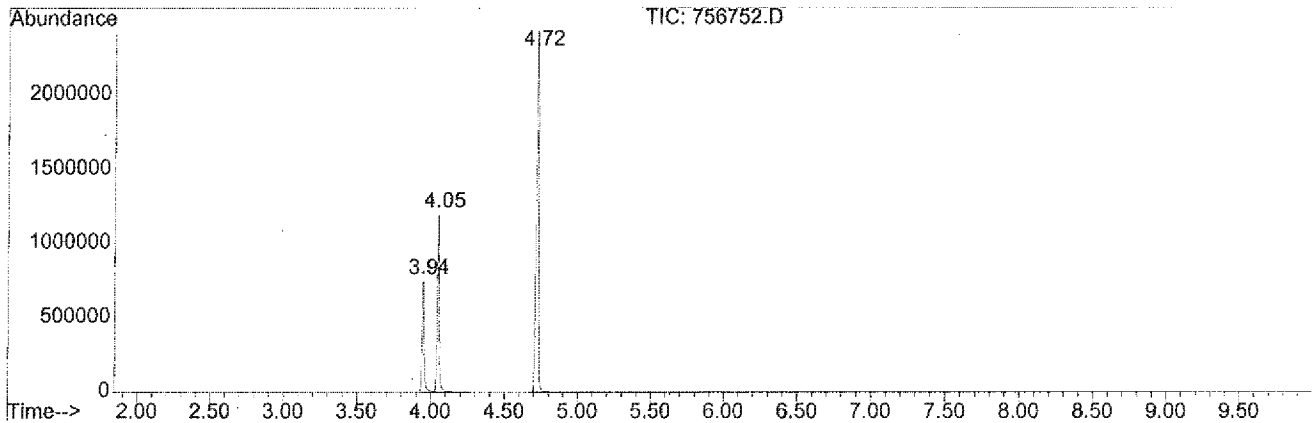
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756752.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 19:25
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 52
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.944	786935	17.14	29.29
4.050	1116675	24.33	41.56
4.722	2686834	58.53	100.00

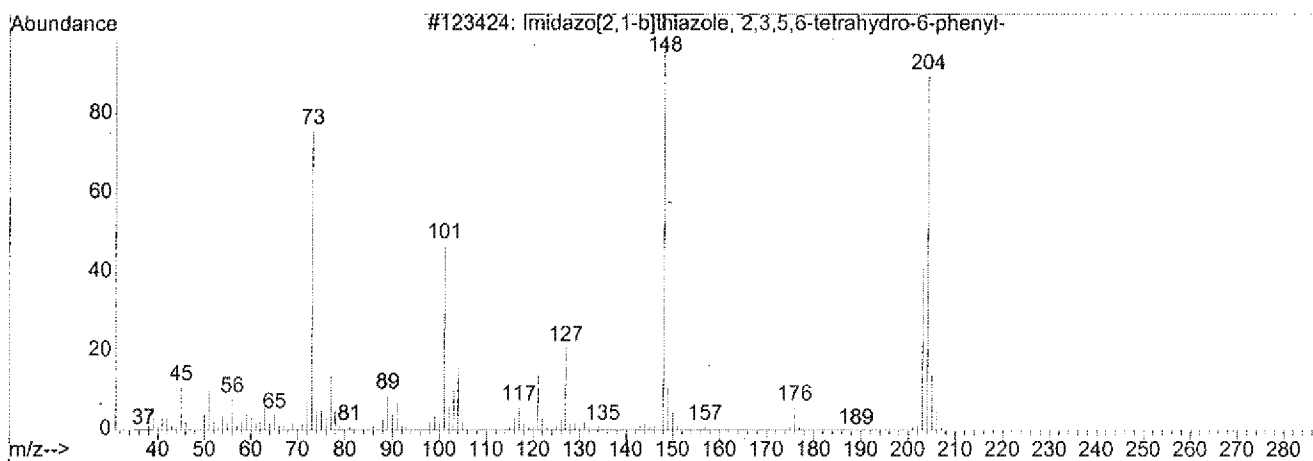
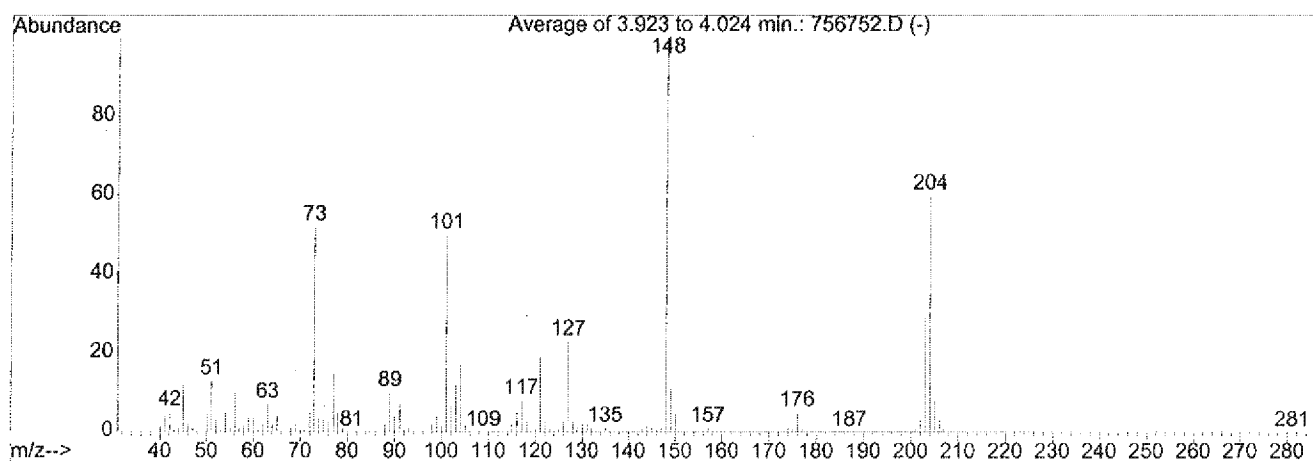
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756752.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 19:25
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 52
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	3.94	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



Area Percent / Library Search Report

Information from Data File:

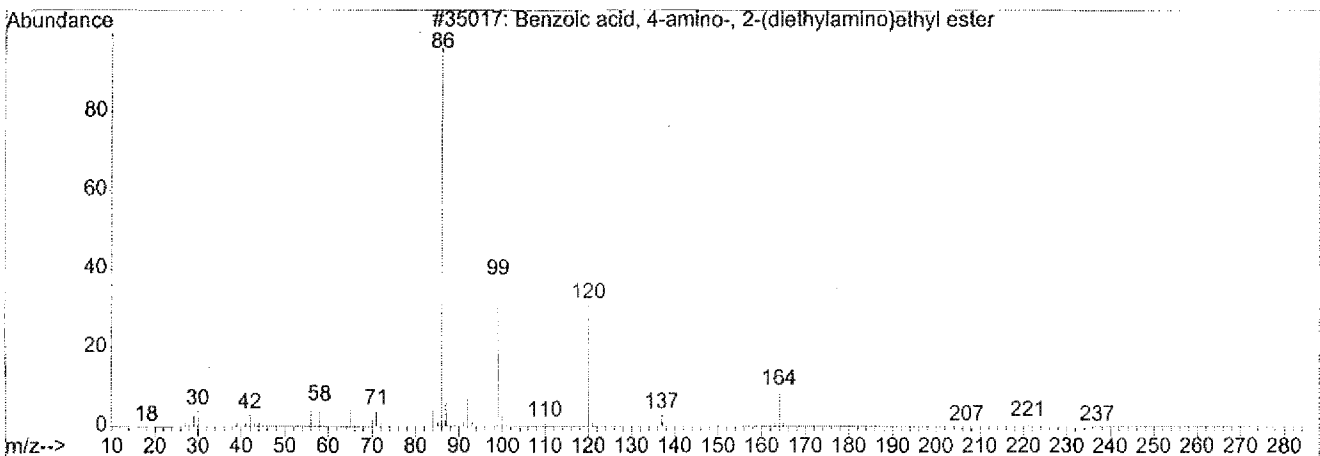
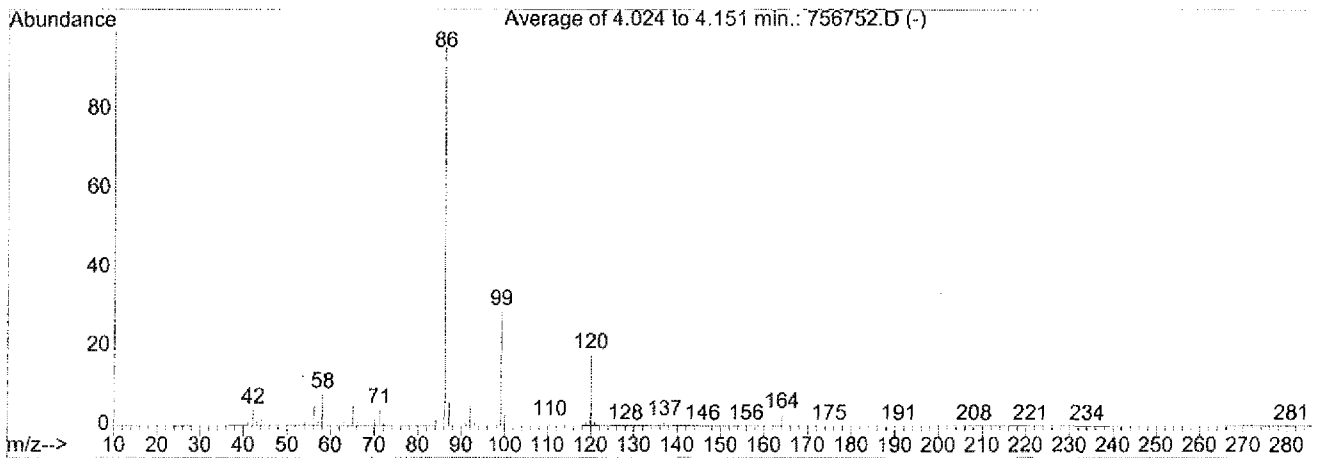
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756752.D
Operator        : ASD
Date Acquired   : 23 Nov 2010  19:25
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 52
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	4.05	C:\DATABASE\NIST98.L		
		Benzoic acid, 4-amino-, 2-(diethyla	000059-46-1	90
		Propionylprocainamide	1000248-51-5	72
		Benzoic acid, 4-amino-2-chloro-, 2-	000133-16-4	64



Area Percent / Library Search Report

Information from Data File:

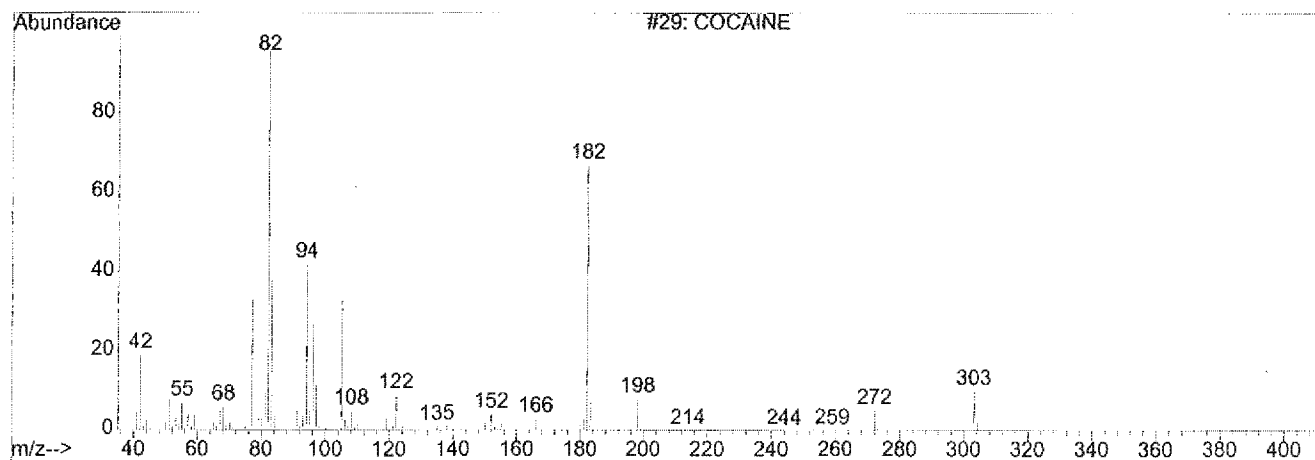
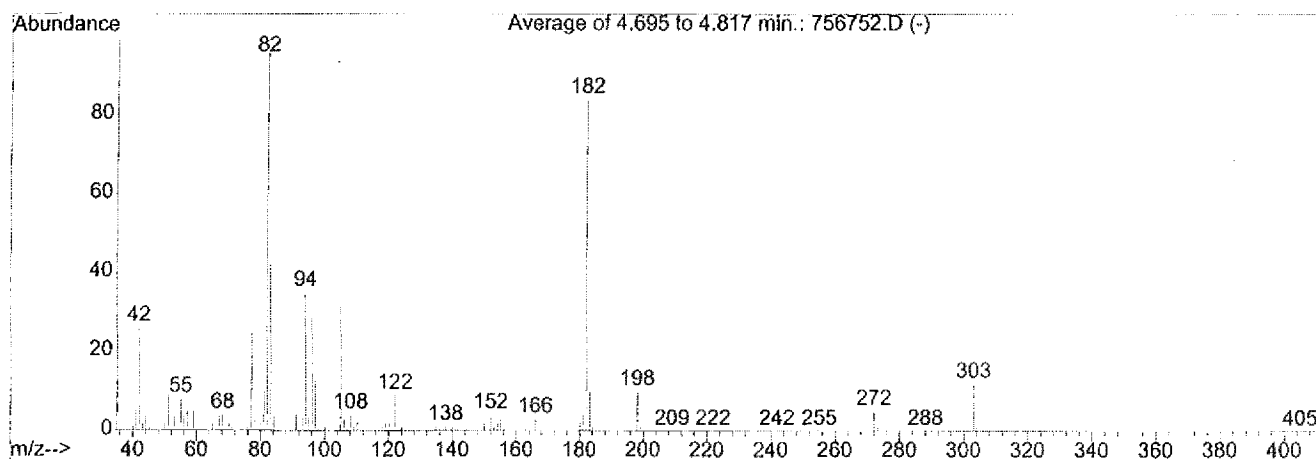
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756752.D
Operator        : ASD
Date Acquired   : 23 Nov 2010  19:25
Sample Name     : ██████████
Submitted by    : SLD
Vial Number     : 52
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

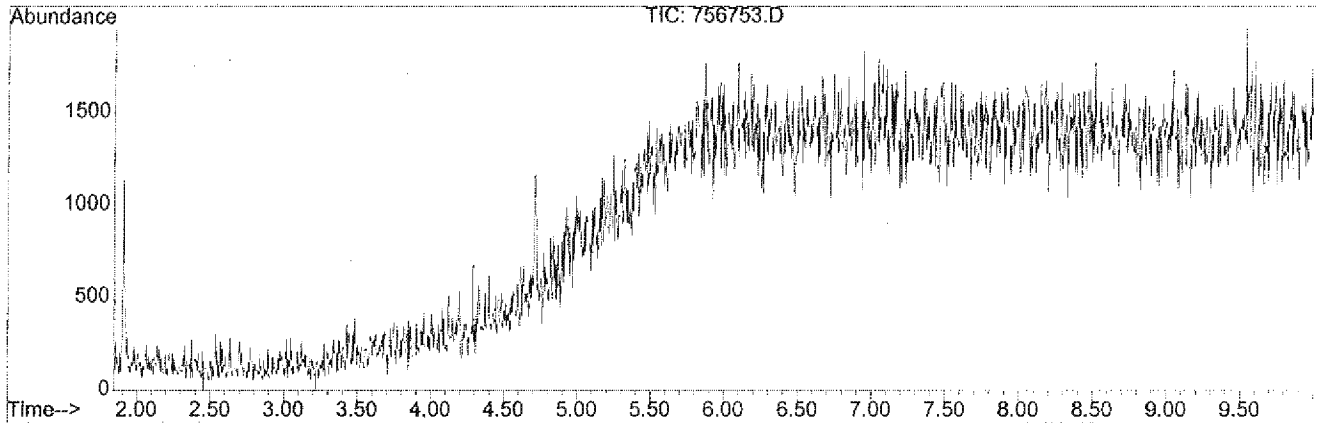
PK#	RT	Library/ID	CAS#	Qual
3	4.72	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756753.D
Operator : ASD
Date Acquired : 23 Nov 2010 19:38
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



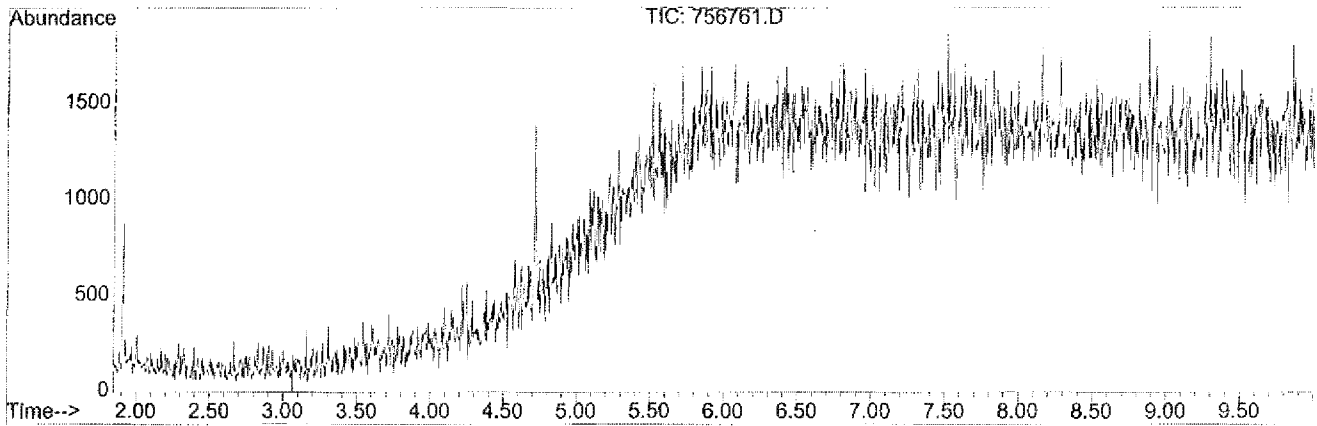
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756761.D
Operator : ASD
Date Acquired : 23 Nov 2010 21:26
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



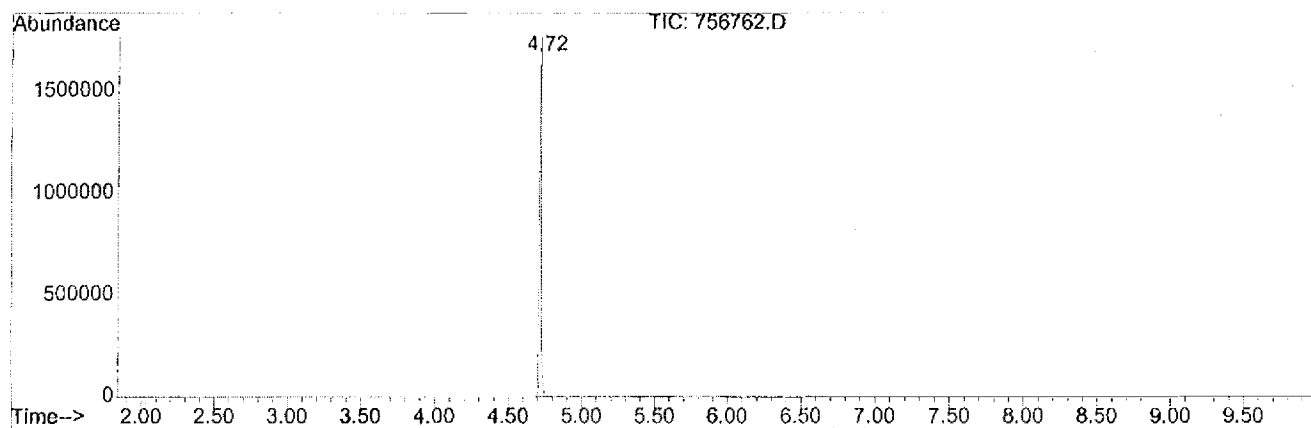
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756762.D
 Operator : ASD
 Date Acquired : 23 Nov 2010 21:40
 Sample Name : COCAINE STD
 Submitted by : SLD
 Vial Number : 62
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.720	1667351	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

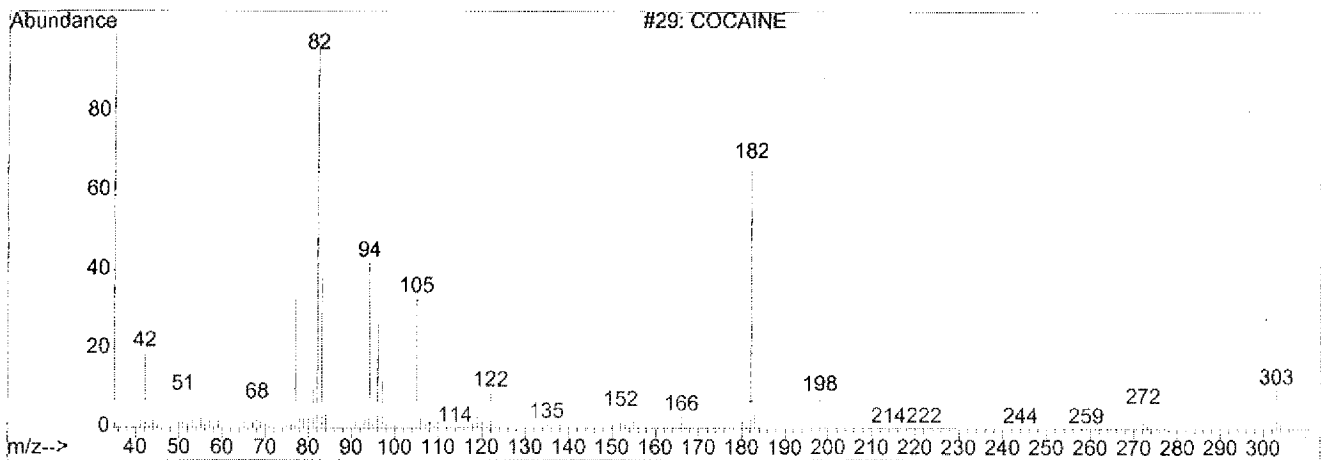
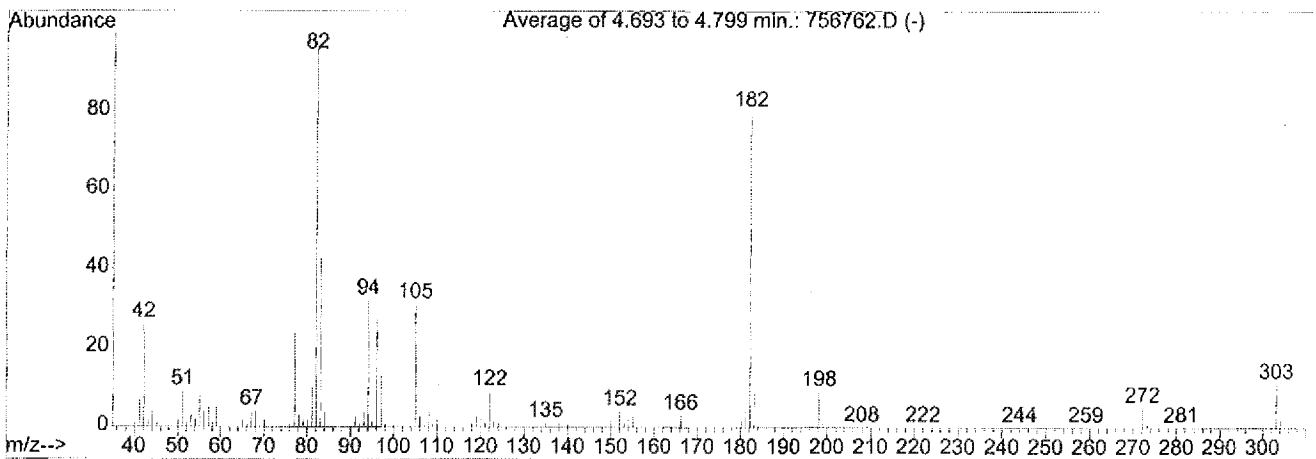
```

File Name       : F:\Q4-2010\SYSTEM4\11_23_10\756762.D
Operator        : ASD
Date Acquired   : 23 Nov 2010   21:40
Sample Name     : COCAINE STD
Submitted by    : SLD
Vial Number     : 62
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

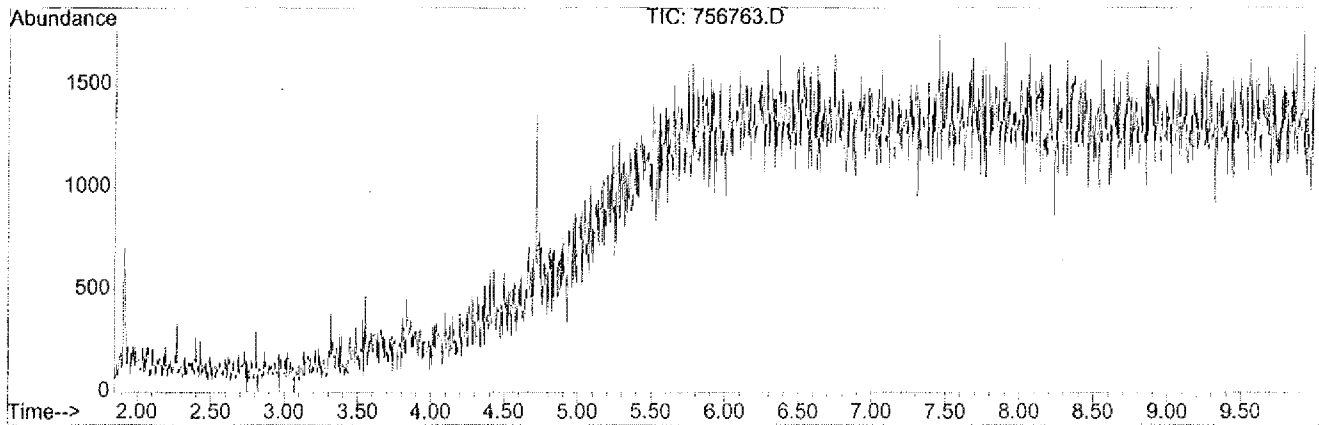
PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_23_10\756763.D
Operator : ASD
Date Acquired : 23 Nov 2010 21:53
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS